

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

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Application Serial Number: 10/539,476 A  
Source: PG  
Date Processed by STIC: 3/16/06

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



pe-7

## RAW SEQUENCE LISTING

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

3 <110> APPLICANT: Centro de Ingenieria Genetica y Biotecnologia  
 5 <120> TITLE OF INVENTION: ARTIFICIAL PROMOTOR FOR THE EXPRESSION OF DNA SEQUENCES IN  
 PLANT CELLS

7 <130> FILE REFERENCE: 976-26 PCT/US  
 9 <140> CURRENT APPLICATION NUMBER: 10/539,476A  
 10 <141> CURRENT FILING DATE: 2005-06-20  
 12 <150> PRIOR APPLICATION NUMBER: PCT/CU2003/00018  
 13 <151> PRIOR FILING DATE: 2003-12-19  
 15 <150> PRIOR APPLICATION NUMBER: CU 2002/0337  
 16 <151> PRIOR FILING DATE: 2002-12-27  
 18 <160> NUMBER OF SEQ ID NOS: 34  
 20 <170> SOFTWARE: PatentIn version 3.1

22 &lt;210&gt; SEQ ID NO: 1

23 &lt;211&gt; LENGTH: 86

24 &lt;212&gt; TYPE: DNA

25 &lt;213&gt; ORGANISM: artificial sequence

27 &lt;220&gt; FEATURE:

28 &lt;223&gt; OTHER INFORMATION: synthetic (peptide)

30 &lt;400&gt; SEQUENCE: 1

31 gaaacaaatt gaacatcatt ctatcaatac aacacaaaca caacacaact caatcattta

60

33 ttgacaaca caactaaaca accatg

86

36 &lt;210&gt; SEQ ID NO: 2

37 &lt;211&gt; LENGTH: 198

38 &lt;212&gt; TYPE: DNA

39 &lt;213&gt; ORGANISM: artificial sequence

41 &lt;220&gt; FEATURE:

42 &lt;223&gt; OTHER INFORMATION: synthetic (peptide)

44 &lt;400&gt; SEQUENCE: 2

45 gaattctata tataggaagt tcatttcatt tggagccccc caaccctacc accaccacca

60

47 ccaccacctc ctcttcaca caacacacac acaacagatc tcccccatcc tccctcccg

120

49 cgcgcgcgc aacacctggt aagatggctg tgcgctcaga tatatatagt gatatgcact

180

51 acaaagatca taactagt

198

54 &lt;210&gt; SEQ ID NO: 3

55 &lt;211&gt; LENGTH: 231

56 &lt;212&gt; TYPE: DNA

57 &lt;213&gt; ORGANISM: artificial sequence

59 &lt;220&gt; FEATURE:

60 &lt;223&gt; OTHER INFORMATION: synthetic (peptide)

62 &lt;400&gt; SEQUENCE: 3

63 ctagaccgcc gccctccccc cccccctct ctaccttctc tctttctttc tccgtttttt

60

65 ttttccgtct cgtctcgatc tttggccttg gtagtttggg ggcgagaggc ggcttcgctg

120

67 cccagatcgg tgcgcgtttt tttatttggg ggggcgggat ctgcggctg ggtctcggcg

180

69 tgcggccgga ttctcgcggg gaatggggct ctcggatgtg gatccgagct c

231

72 &lt;210&gt; SEQ ID NO: 4

pg 1-6  
 Does Not Comply  
 Corrected Diskette Needed

This is not a  
 peptide sequence. Just use  
 "synthetic  
 construct"

same error

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DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

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75 <213> ORGANISM: artificial sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: synthetic peptide
80 <400> SEQUENCE: 4
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83 agatcaggaa gaggggaaaa gggcactatg gtttaatttt tatatatattc tgctgctgct      120
85 cgtcaggatt agatgtgctt gatctttctt tcttcttttt gtgggtagaa tttgaatccc      180
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89 tatactagtg agctc                                         255
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 93
94 <212> TYPE: DNA
95 <213> ORGANISM: artificial sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: synthetic peptide
100 <400> SEQUENCE: 5
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103 ggaaacaaca acaataacca tgggtctagag ctc                                         93
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109 <213> ORGANISM: artificial sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: synthetic peptide
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119 agtgatatgc actacaaaga tcataactag accgcgcgct ccccccccc cctctctac      180
121 ctctctctct tcttctcccg tttttttttt cgtctcgtc tcgatctttg gccttggtag      240
123 tttggggggc agaggcggct tcgtcgccca gatcggtgcg cgttttttta tttggagggg      300
125 cgggatctcg cggctgggtc tcggcggtcg gccggattct cgcggggaat ggggctctcg      360
127 gatgtggatc tgatccgccg ttgttggggg agatatgggg cgtttaaaat ttcgccatgc      420
129 taaacaagat caggaagagg ggaaaagggc actatggttt aatttttata tatttctgct      480
131 gctgctcgtc aggattagat gtgcttgatc tttctttctt ctttttgtgg gtagaatttg      540
133 aatccctcag cattgttcat cggtagtttt tcttttgcg atgctcacc tgttgtttg      600
135 tgtttttata ctagtggcta tcttgacacg gtctctttgt caaatatctc tgtgtgcagg      660
137 tataactgca ggaaacaaca acaataacca tg                                         692
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141 <211> LENGTH: 750
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143 <213> ORGANISM: artificial sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: synthetic peptide
148 <400> SEQUENCE: 7
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151 ccaccacctc ctcttcaca caacacacac acaacagatc tccccatcc tccctcccg      120
153 cgcgcgcgcg aacacctggt aagatggctg tgcgctcaga tatatatagt gatatgcact      180

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155 acaaagatca taactagacc gccgcctccc cccccccccc tctctacctt ctctctttct 240
157 ttctccgttt tttttttccg tctcgtctcg atctttggcc ttggtagttt gggggcgaga 300
159 ggcggcttcg tcgcccagat cgggtgcgct ttttttattt ggaggggcgg gatctcgcgg 360
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163 tccgccgttg ttgggggaga tatggggcgt ttaaaatttc gccatgctaa acaagatcag 480
165 gaagagggga aaagggcact atggtttaat ttttatatat ttctgctgct gctcgtcagg 540
167 attagatgtg cttgatcttt ctttcttctt tttgtgggta gaatttgaat ccctcagcat 600
169 tgttcacatcg tagtttttct tttgtcgatg ctcaccctgt tgtttgggtg ttttatacta 660
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173 aacaacaaca ataaccatgg tctagagctc 750
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177 <211> LENGTH: 757
178 <212> TYPE: DNA
179 <213> ORGANISM: artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: synthetic peptide
184 <400> SEQUENCE: 8
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187 tcctccctcc cgtcgcgcgc cgcaacacct ggtaagatgg ctgtgcgctc agatatatat 120
189 agtgatatgc actacaaaga tcataactag accgcgcct ccccccccc ccctctctac 180
191 ctctctctct tctttctccg tttttttttt cgtctcgtc tcgatctttg gccttggtag 240
193 tttgggggcg agagggcggt tcgtcgccca gatcgggtgc cgttttttta tttggagggg 300
195 cgggatctcg cggctgggtc tcggcggtgc gccggattct cgcggggaat ggggctctcg 360
197 gatgtggatc tgatccgccc ttgttggggg agatatgggg cgtttaaaat ttcgccatgc 420
199 taaacaagat caggaagagg ggaaaagggc actatggttt aatttttata tatttctgct 480
201 gctgctcgtc aggattagat gtgcttgatc tttctttctt ctttttgtgg gtagaatttg 540
203 aatccctcag cattgttcat cggtagtttt tcttttgcg atgctcacc tggtgtttgg 600
205 tgtttttata ctagtggcta tcctgacacg gtctctttgt caaatatctc tgtgtgcagg 660
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212 <210> SEQ ID NO: 9
213 <211> LENGTH: 815
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215 <213> ORGANISM: artificial sequence
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223 ccaccacctc ctcttcaca caacacacac acaacagatc tcccccatcc tccctcccg 120
225 cgcgcgcgcg aacacctggt aagatggctg tgcgctcaga tatatatagt gatatgcact 180
227 acaaagatca taactagacc gccgcctccc cccccccccc tctctacctt ctctctttct 240
229 ttctccgttt tttttttccg tctcgtctcg atctttggcc ttggtagttt gggggcgaga 300
231 ggcggcttcg tcgcccagat cgggtgcgct ttttttattt ggaggggcgg gatctcgcgg 360
233 ctgggtctcg gcgtgcggcc ggattctcgc ggggaatggg gctctcggat gtggatctga 420
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239 attagatgtg cttgatcttt ctttcttctt tttgtgggta gaatttgaat ccctcagcat 600
241 tgttcacatcg tagtttttct tttgtcgatg ctcaccctgt tgtttgggtg ttttatacta 660
243 gtggctatcc tgacacgggc tctttgtcaa atatctctgt gtgcaggat aactgcagga 720

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TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

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245 aacaaattga acatcattct atcaatacaa cacaaacaca acacaactca atcattttatt 780
247 tgacaacaca actaaacaac catggtctag agctc 815
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251 <211> LENGTH: 184
252 <212> TYPE: DNA
253 <213> ORGANISM: artificial sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: synthetic peptide
258 <400> SEQUENCE: 10
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261 aaaaaagaaa aagaaaaaac agcaggtggg tccgggtcgt gggggccgga aaagcgagga 120
263 ggatcgcgag cagcgacgag gccggccctc cctccgcttc caaagaaacg ccccccatca 180
265 attc 184
268 <210> SEQ ID NO: 11
269 <211> LENGTH: 94
270 <212> TYPE: DNA
271 <213> ORGANISM: artificial sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: synthetic peptide
276 <400> SEQUENCE: 11
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279 gccactggc aaatagtctc cacaccccg cact 94
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295 cacgtctcgc agccaaaaaa aaaaaaagaa agaaaaaaa gaaaaagaaa aaacagcagg 180
297 tgggtccggg tcgtgggggc cggaaaagcg aggaggatcg cgagcagcga cgaggccggc 240
299 cctccctccg ctcccaaaga aacgcccccc atcaattcta tatataggaa gttcatttca 300
301 tttggagccc cccaacccta ccaccaccac caccaccacc tctccttca cacaacacac 360
303 acacaacaga tctcccccat cctccctccc gtgcgcgcgc gcaacacctg gtaagatggc 420
305 tgtgcgctca gatatatata gtgatatgca ctacaaagat cataactaga ccgcgcctc 480
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323 aaatatctct gtgtgcaggc ataactgcag gaaacaaatt gaacatcatt ctatcaatac 1020
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## RAW SEQUENCE LISTING

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

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333 <213> ORGANISM: artificial sequence
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344 <212> TYPE: DNA
345 <213> ORGANISM: artificial sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: synthetic peptide
350 <400> SEQUENCE: 14
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355 aaaaacagca ggtgggtccg ggtcgtgggg gccggaaaag cgaggaggat cgctgacgct 180
357 tcgaatgacg cacatgcccg agcagcgacg aggcgggccc tccctccgct tccaaagaaa 240
359 cgccccccat caattctata tataggaagt tcatttcatt tggagcccc caaccctacc 300
361 accaccacca ccaccacctc ctccctcaca caacacacac acaacagatc tcccccatcc 360
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367 ctctctttct ttctccggtt tttttttccg tctcgtctcg atctttggcc ttggtagttt 540
369 ggggggcgaga ggcggcttcg tcgcccagat cgggtgcgcgt ttttttattt ggagggggcg 600
371 gatctcgcgg ctgggtctcg gcgtgcggcc ggattctcgc ggggaatggg gctctcggat 660
373 gtggatctga tccgcggtt ttgggggaga tatggggcgt ttaaaatttc gccatgctaa 720
375 acaagatcag gaagagggga aaagggcact atggtttaat ttttatatat ttctgctgct 780
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379 cctcagcat tgttcatcgg tagtttttct tttgtcgatg ctcacctgtg tgtttggtgt 900
381 ttttatacta gtggctatcc tgacacgggc tctttgtcaa atatctctgt gtgcaggat 960
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401 ccgtgagttg tccgcaccac cgcacgtctc gcagccaaaa aaaaaaaaaa aaagaaaaaa 180
403 aagaaaaaga aaaaacagca ggtgggtccg ggtcgtgggg gccggaaaag cgaggaggat 240
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407 tccaaagaaa cgccccccat caattctata tataggaagt tcatttcatt tggagcccc 360
409 caaccctacc accaccacca ccaccacctc ctccctcaca caacacacac acaacagatc 420
411 tcccccatcc tccctcccggt cgcgcgcgcg aacacctggt aagatggctg tgcgctcaga 480
413 tatatatagt gatatgcact acaaagatca taactagacc gccgcctccc ccccccccc 540
415 tctctacctt ctctctttct ttctccggtt tttttttccg tctcgtctcg atctttggcc 600

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*This type of error appears in subsequent sequences.*

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 03/16/2006  
PATENT APPLICATION: US/10/539,476A      TIME: 11:37:43

Input Set : A:\Sequence Listing Project.txt  
Output Set: N:\CRF4\03162006\J539476A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:24; N Pos. 8

**VERIFICATION SUMMARY**

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:43

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0